

## **AMENDMENTS TO THE CLAIMS:**

Please amend claims 1 and 2, as indicated in the following listing of claims, which replaces all prior versions and listings of claims in the application:

### **Listing of Claims:**

1. (currently amended) A method of desorbing methane or gas from a ~~an in-~~  
~~situ~~ coal formation, comprising:
  - providing a sonic device,
  - positioning the sonic device into or adjacent a wellbore of the coal  
formation,
  - producing a sonic or mechanical vibration in a media located near the coal  
formation to thereby induce desorption of the methane or gas from the coal formation,  
wherein the media is a wellcasing.
  
2. (currently amended) A device for desorption of methane or gas from ~~a an~~  
~~in-situ~~ coal formation, comprising:
  - a first mechanical vibrating means for directly or indirectly producing a first  
mechanical vibration in or adjacent a wellbore of the coal formation,
  - a second mechanical vibrating means for directly or indirectly producing a  
second mechanical vibration in or adjacent the wellbore of the coal formation,
  - wherein the vibrating means produce ~~produces~~ the ~~vibration~~ vibrations to  
propagate into the coal formation and interact to produce an interference within the coal  
formation and thereby desorb the methane or gas from the coal formation.